



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/582,215	06/08/2006	Robert Greiner	4001-1220	3850
466 7590 08/03/2010 YOUNG & THOMPSON 209 Madison Street Suite 500 Alexandria, VA 22314				
			EXAMINER KHATRI, PRASHANT J	
			ART UNIT 1783	PAPER NUMBER
			NOTIFICATION DATE 08/03/2010	DELIVERY MODE ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

DocketingDept@young-thompson.com

ATTACHMENT TO ADVISORY ACTION

In response to After-Final filed 7/19/2010. Claims 9, 12, 16-17, 19, and 21-22 are pending. Claim 14 was cancelled.

This amendment will be entered but the rejections will be maintained for the following reasons:

Examiner notes that the limitations of claim 14 were imported into claim 1 whereby claim 14 is presently cancelled. Applicant asserts that Matsumoto is silent to "copper fiber fused with the lead-free metal compound to provide a fiber network". Examiner respectfully disagrees and notes that tin is a lead-free material combining with a metal filler to form a three-dimensional metal net structure (*para. 0059-0061*). As such, Examiner takes the position that any low-melting point material would intrinsically form a three-dimensional metal net structure and therefore meet the instant limitation of "fiber network". Concerning the Nakazawa reference, Applicant asserts that Matsumoto and Nakazawa are silent to the fibers and low melting point metal compound being greater than or equal to 60%. Examiner respectfully disagrees and notes that Matsumoto explicitly recites that the total filler with respect to the total composition is from 50 wt% to 95 wt% (*para. 0063*) and further, it is noted that Embodiment 1 shown the same. Regarding the Kosuga reference, Applicant asserts Kosuga is silent to the presently claimed fiber length. While it is noted that Kosuga discloses a pellet having a specific

length, it is also noted that the length of said pellets effect the shielding properties. Given that it has been established that the dimensions of the fibers (i.e. the diameter) and further the resulting pellet effect the shielding properties, Examiner takes the position that the fibers must be within a range of 3 to 10 mm in order to exhibit the desired shielding and conductive properties. As such, the rejections are maintained.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to PRASHANT J. KHATRI whose telephone number is (571)270-3470. The examiner can normally be reached on M-F 8:00 A.M.-5:00 P.M. (First Friday Off).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Sample can be reached on (571) 272-1376. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

PRASHANT J KHATRI

Application/Control Number: 10/582,215
Art Unit: 1783

Page 4

Examiner
Art Unit 1783

/Patricia L. Nordmeyer/
Primary Examiner, Art Unit 1783